

Explanation of Amendments in the Claims:

1.(currently amended) A pultruded part comprising:

a wall having a first surface and a second surface spaced by a thickness of the part, the wall extending longitudinally in a pultrusion direction and having a transverse width transverse to the longitudinal pultrusion direction;

~~fiber layers~~ reinforcing fibers within the wall;

a thermo-set, cross-linked poly-urethane resin permeated through the fiber layers and filling the thickness between the surfaces so as to define the surfaces;

the reinforcing fibers ~~fiber layers~~ including a ~~at least one~~ first layer of fibers having fibers extending only in the longitudinal pultrusion direction;

the reinforcing fibers ~~fiber layers~~ including a second layer of fibers at least some of which include at least portions thereof which extend in the transverse direction ~~one or more second layers~~;

~~the or each second layer consisting solely of a layer of fibers such that the poly-urethane is permeated through the layer of fibers between the fibers;~~

~~the or each second layer having fibers with at least portions thereof extending transverse to the longitudinal direction;~~

~~the or each second layer of fibers having a weight total quantity of fibers in the or each second layer which is of the order of or less than 0.5 ounces per square foot.~~

2.(currently amended) The pultruded part according to Claim 1 wherein ~~at least one part of the wall~~ includes a leg portion thereof in which the

~~reinforcing fibers consist solely of the longitudinal fibers is reinforced through its thickness solely by fibers extending only in the longitudinal pultrusion direction.~~

3.(currently amended) The pultruded part according to Claim 1 wherein the ~~or each~~ second layer of fibers comprises wholly cut ~~an entangled layer of staple fibers.~~

4.(currently amended) The pultruded part according to Claim 1 wherein the ~~or each~~ second layer of fibers is a scrim or mesh having openings for penetration of the resin ~~poly-urethane~~ between the fibers.

5.(currently amended) The pultruded part according to Claim 1 wherein the wall includes a leg portion thereof connected to a main body portion of the wall only at one end of the leg so as to define a second free end of the leg and wherein reinforcing fibers in the leg consist solely of longitudinal fibers ~~extending only in the longitudinal pultrusion direction.~~

6.(original) The pultruded part according to Claim 5 wherein the leg portion has a wall that is thicker than that of the main body portion.

7.(currently amended) The pultruded part according to Claim 1 wherein the ~~or each~~ second layer includes fibers which are formed of metal strands ~~which provide both transverse strength and the characteristic of electrical conductivity and/or ferromagnetism.~~

8.(currently amended) The pultruded part according to Claim 1 wherein the ~~or each~~ second layer of fibers has a weight ~~total quantity of fibers in the layer which is of the order of or less than 0.25 ounces per square foot.~~

9.(currently amended) The pultruded part according to Claim 1 wherein the second layer of fibers each has a weight total quantity of fibers therein which is of the order of 0.1 ounces per square foot.

10.(currently amended) The pultruded part according to Claim 1 wherein the wall defines a peripheral wall fully surrounding a hollow interior such that the first surface faces outwardly and the second surface faces inwardly;

~~and wherein the reinforcing fibers including consist only of: first layer formed wholly of longitudinal fibers where the fibers of the first layer extending only in the longitudinal pultrusion direction and located at the first surface; and~~

~~the reinforcing fibers including a transverse a second layer of fibers at least some of which include at least portions thereof which extend in the transverse direction and located at the second surface formed wholly of fibers such that the polyurethane is permeated through the layer of fibers between the fibers of the second layer;~~

~~wherein the second layer has fibers with at least portions thereof extending transverse to the longitudinal direction;~~

~~wherein the reinforcing fibers consisting solely of the first layer and the transverse layer which are second layers being in contact at a location between the first and second surfaces;~~

~~wherein the first layer is located at the first surface such that some of the longitudinal fibers thereof are located at the first surface;~~

~~and wherein the second layer is located at the second surface such that some transverse fiber portions are located at the first surface and such that the first~~

~~layer is spaced from the second surface over the whole of the second surface by the second layer.~~

11.(currently amended) A pultruded part comprising:

a wall having a first surface and a second surface spaced by a thickness of the part, the wall extending longitudinally in a longitudinal pultrusion direction and having a transverse width ~~direction~~ transverse to the longitudinal pultrusion direction;

the wall defining a peripheral wall fully surrounding a hollow interior such that the first surface faces outwardly and the second surface faces inwardly;

reinforcing fibers within the wall;

a cross-linked resin material permeated through the fibers and filling the thickness between the surfaces so as to define the surfaces;

the reinforcing fibers including ~~consisting of~~: a first layer ~~formed wholly of~~ longitudinal fibers ~~where the fibers of the first layer~~ extending only in the longitudinal pultrusion direction and located at the first surface; and

the reinforcing fibers including a transverse a second layer of fibers at least some of which include at least portions thereof which extend in the transverse direction and located at the second surface ~~formed wholly of fibers such that the resin is permeated through the layer of fibers between the fibers~~;

the transverse second layer comprising a mat ~~being defined by a pre-formed two dimensional mat having fibers of the mat with at least portions thereof extending transverse to the longitudinal direction~~;

the reinforcing fibers consisting solely of the first layer and the transverse layer which are second layers being in contact at a location between the first and second surfaces;

~~the first layer being located at the first surface such that some of the longitudinal fibers thereof are located at the first surface;~~

~~and the second layer being located at the second surface such that some transverse fiber portions are located at the first surface and such that the first layer is spaced from the second surface over the whole of the second surface by the second layer.~~

12.(previously cancelled)

13.(previously presented) The pultruded part according to Claim 11 wherein the resin is a thermoset cross-linked polyurethane.

14.(cancelled)

15.(currently amended) The pultruded part according to Claim 11 wherein the transverse ~~or each second~~ layer of fibers comprises wholly cut an ~~entangled layer of staple~~ fibers.

16.(currently amended) The pultruded part according to Claim 11 wherein the transverse ~~or each second~~ layer of fibers is a scrim or mesh having openings for penetration of the resin between the fibers.

17.(currently amended) The pultruded part according to Claim 11 wherein the wall includes a leg portion thereof connected to a main body portion of the wall only at one end of the leg so as to define a second free end of the leg and wherein

reinforcing fibers in at least part of the leg consist solely of longitudinal fibers extending only in the ~~longitudinal pultrusion direction~~.

18.(currently amended) The pultruded part according to Claim 17 wherein the leg portion has a wall that is thicker than that of the main body portion.

20 19.(cancelled)

24 20.(currently amended) The pultruded part according to Claim 11 wherein the transverse ~~second~~ layer of fibers has a weight ~~total quantity of fibers in the layer~~ which is ~~of the order of or~~ less than 0.5 ounces per square foot.

22 21.(currently amended) The pultruded part according to Claim 11 wherein the transverse ~~second~~ layer of fibers has a weight ~~total quantity of fibers in the layer~~ which is ~~of the order of or~~ less than 0.25 ounces per square foot.

23 22.(currently amended) The pultruded part according to Claim 11 wherein the transverse ~~second~~ layer of fibers each has a weight ~~total quantity of fibers therein~~ which is of the order of 0.1 ounces per square foot.